Reviewer's report

Title: Quantification of the relative contribution of estrogen to bone mineral density in men and women

Version: 1 Date: 26 September 2013

Reviewer: Lourdes Basurto

Reviewer's report:

Major compulsory revisions:

The study was conducted properly including a new statistical analysis, unfortunately, the issue is not original.

Discretionary revisions:

Hormone levels show great variation, so it is appropriate to mention the stage of the menstrual cycle when estradiol was measured.
It is desirable to include recent references on the subject of bone and sex hormones (2010-2013).
Fig. 1: Testosterone level variation is not observed.

Level of interest: An article of importance in its field

Quality of written English: Acceptable

Statistical review: No, the manuscript does not need to be seen by a statistician.

Declaration of competing interests:

I declare that I have no competing interests' below.